

Table ENG-1. - Construction Materials

Tidewater Cities Area, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1:					
Altavista	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Augusta	4	Not Rated		Not Rated	
Newflat	4	Not Rated		Not Rated	
State	4	Not Rated		Not Rated	
Chickahominy	3	Not Rated		Not Rated	
2:					
Augusta	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Dragston	4	Not Rated		Not Rated	
Munden	4	Not Rated		Not Rated	
Nimmo	4	Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated	
Tomotley	4	Not Rated		Not Rated	
3:					
Axis	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.07
		Thickest layer	0.00	Bottom layer	0.09
Bohicket	7	Not Rated		Not Rated	
Johnston	5	Not Rated		Not Rated	
Beaches	3	Not Rated		Not Rated	
4:					
Beaches	80	Poor		Good	
		Bottom layer	0.00		
		Thickest layer	0.00		
Axis	5	Not Rated		Not Rated	
Bohicket	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4:					
Udorthents	5	Not Rated		Not Rated	
Urban Land	5	Not Rated		Not Rated	
5:					
Bethera	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Slagle	10	Not Rated		Not Rated	
6:					
Bohicket	90	Not Rated		Not Rated	
Axis	5	Not Rated		Not Rated	
Johnston	5	Not Rated		Not Rated	
7:					
Bojac	90	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.09
		Thickest layer	0.00	Bottom layer	0.15
Dragston	4	Not Rated		Not Rated	
Munden	3	Not Rated		Not Rated	
Seabrook	3	Not Rated		Not Rated	
8:					
Chickahominy	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Altavista	4	Not Rated		Not Rated	
Newflat	4	Not Rated		Not Rated	
Peawick	4	Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated	
9A:					
Craven	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Slagle	8	Not Rated		Not Rated	
Uchee	7	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9B:					
Craven	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Slagle	8	Not Rated		Not Rated	
Uchee	7	Not Rated		Not Rated	
10:					
Dragston	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.10
		Thickest layer	0.00	Bottom layer	0.39
Augusta	4	Not Rated		Not Rated	
Nimmo	4	Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
11:					
Duckston	85	Poor		Good	
		Bottom layer	0.00		
		Thickest layer	0.00		
Nimmo	8	Not Rated		Not Rated	
Bohicket	7	Not Rated		Not Rated	
12:					
Johnston	80	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.01
Axis	5	Not Rated		Not Rated	
Bohicket	5	Not Rated		Not Rated	
Nimmo	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
13:					
Lawnes	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Munden	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13:					
Seabrook	4	Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated	
14:					
Levy	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Munden	4	Not Rated		Not Rated	
Seabrook	4	Not Rated		Not Rated	
Augusta	3	Not Rated		Not Rated	
Bojac	3	Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated	
15:					
Munden	90	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.10
		Thickest layer	0.00	Bottom layer	0.10
Bojac	5	Not Rated		Not Rated	
Dragston	5	Not Rated		Not Rated	
16C:					
Nevarc	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.22
Uchee	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.08
Slagle	10	Not Rated		Not Rated	
16D:					

Table ENG-1. - Construction Materials - Continued

Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16D:					
Nevarc	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.22
Uchee	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.08
Slagle	10	Not Rated		Not Rated	
17:					
Newflat	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Altavista	5	Not Rated		Not Rated	
Chickahominy	5	Not Rated		Not Rated	
Peawick	5	Not Rated		Not Rated	
18:					
Nimmo	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.10
		Thickest layer	0.00	Bottom layer	0.18
Munden	5	Not Rated		Not Rated	
Seabrook	5	Not Rated		Not Rated	
Tomotley	5	Not Rated		Not Rated	
19:					
Peawick	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Newflat	8	Not Rated		Not Rated	
Chickahominy	7	Not Rated		Not Rated	
20:					
Seabrook	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.20
		Thickest layer	0.00	Thickest layer	0.20
Munden	8	Not Rated		Not Rated	
Tomotley	7	Not Rated		Not Rated	

21A:

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Tidewater Cities Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
21A:					
Slagle	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bethera	5	Not Rated		Not Rated	
Peawick	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
21B:					
Slagle	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Bethera	5	Not Rated		Not Rated	
Peawick	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
22:					
State	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.08
Augusta	8	Not Rated		Not Rated	
Altavista	7	Not Rated		Not Rated	
23:					
Suffolk	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.08
Altavista	8	Not Rated		Not Rated	
Augusta	7	Not Rated		Not Rated	
24:					
Tomotley	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.10
Augusta	3	Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated	

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24:					
Bojac	2	Not Rated		Not Rated	
Munden	2	Not Rated		Not Rated	
Seabrook	2	Not Rated		Not Rated	
25:					
Uchee	90	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.04
		Thickest layer	0.00	Bottom layer	0.08
Slagle	10	Not Rated		Not Rated	
26:					
Udorthents	50	Not Rated		Not Rated	
Dumps	25	Not Rated		Not Rated	
Uchee	9	Not Rated		Not Rated	
Bethera	8	Not Rated		Not Rated	
Slagle	8	Not Rated		Not Rated	
27:					
Urban land	85	Not Rated		Not Rated	
Altavista	1	Not Rated		Not Rated	
Augusta	1	Not Rated		Not Rated	
Bojac	1	Not Rated		Not Rated	
Craven	1	Not Rated		Not Rated	
Dragston	1	Not Rated		Not Rated	
Munden	1	Not Rated		Not Rated	
Nevarc	1	Not Rated		Not Rated	
Newflat	1	Not Rated		Not Rated	
Nimmo	1	Not Rated		Not Rated	
Peawick	1	Not Rated		Not Rated	
Seabrook	1	Not Rated		Not Rated	
Slagle	1	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
27:					
State	1	Not Rated		Not Rated	
Tomotley	1	Not Rated		Not Rated	
Uchee	1	Not Rated		Not Rated	
28:					
Yemassee	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.10
Augusta	3	Not Rated		Not Rated	
Dragston	3	Not Rated		Not Rated	
Nimmo	3	Not Rated		Not Rated	
Bojac	2	Not Rated		Not Rated	
Munden	2	Not Rated		Not Rated	
Seabrook	2	Not Rated		Not Rated	
DAM:					
Dam	100	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	